

Resin Anchoring Systems

**For Installation of Dowel Bars & Tie Bars in Concrete Pavement
and Extending Reinforced Concrete Box Culverts.**

Supplier	Brand	
Adhesives Technology Corporation	Ultrabond 1300	
	Ultrabond 2300	
	Ultrabond EPX-3CC	
	Ultrabond HS-1CC	
	Ultrabond HS200	
Dayton Superior Corporation	Sure Anchor I J51	
	Unitex Pro-Poxy 300 Fast	
DEWALT Industrial Tools Co. / Powers Fasteners	DEWALT AC100+ Gold	
	DEWALT AC200+	suitable for use between 23°F and 40°F.
	DEWALT AC50	suitable for use between 5°F and 60°F.
	DEWALT PE1000+	
	DEWALT Pure GP	
	DEWALT Pure110+	1:1 mix ratio
	DEWALT Pure50+	
Euclid Chemical Company, The	Dural 452 Gel	
	Dural 452 MV	Not for securing steel to concrete
	Dural Fast Set Gel	
Hilti, Inc.	HIT-RE 10	
	HIT-RE 100	
	HIT-RE 500 V3	

Resin Anchoring Systems

**For Installation of Dowel Bars & Tie Bars in Concrete Pavement
and Extending Reinforced Concrete Box Culverts.**

Supplier	Brand
ITW Commercial Construction North America (ITW CCNA)	Red Head A7+
	Red Head C6+
	Red Head G5+
MKT Fastening, LLC	Liquid Roc 500+
	Liquid Roc 700+
Pilgrim Permocoat, Inc.	Anchor Adhesive 52
Polygem, Inc.	Polyject #1257
	Polyject #1605
Sika Corporation	Sikadur AnchorFix-500
Simpson Strong-Tie Anchor Systems	ET-HP
	SET Epoxy-Tie
SpecChem, LLC	SpecPoxy 3000 FS
USP Structural Connectors	CIA Gel 7000
W.R. Meadows of Texas	Rezi-Weld 1000

Method of Documentation of Acceptance:

By brand and supplier.

Resin Anchoring Systems

Method of Approval:

THE FOLLOWING PROCEDURE IS TO BE USED IN ACQUIRING APPROVAL OF RESIN ANCHORING SYSTEMS

- The manufacturer/supplier will provide the Materials Division with a test report from a recognized laboratory covering the material to be used. The resin anchoring system will be tested in accordance with ASTM C 881/AASHTO M 235. A recognized laboratory is any State Highway Agency, Federal Highway Administration, or independent laboratory regularly inspected by AASHTO re:source, Cement and Concrete Reference Laboratory, or other Department approved accreditation/inspection agency. Accompanying this report will be a statement by the manufacturer/supplier certifying compliance of the material with the requirements of ASTM C 881/AASHTO M 235 Type IV, Grades 2 or 3 (Viscosity, Consistency, and Volatile Content may not be applicable to some resin anchoring system). The statement will also indicate the temperature Class (A, B, or C) that the material meets. If the material does not meet all the requirements of ASTM C 881/AASHTO M 235 (Type IV, Grades 2 or 3) the manufacturer/supplier will certify to only those requirements the materials meets and note those that it does not meet. Information shall also be supplied indicating the suitability of the resin anchoring system for use in securing steel products to portland cement concrete (ASTM E 488, Single Anchor, Static Tension). Products not fully complying may be considered for and approved for specific or limited uses.
- A sample of the resin anchoring system will be supplied to the Materials Division for testing along with product bulletins and a safety data sheet.
- If the test report and AHTD tests indicate compliance with specifications, the product will be approved for use.
- Destination samples will also be taken as deemed necessary to assure compliance with specifications. Failure of these samples may be considered sufficient cause to reject the material and suspend further use and/or removal from this QPL until tests by the Department determine that the producer's product is in compliance with applicable specifications and requirements.

No information contained in these lists is to be used for promotional purposes.

The manufacturer of privately labeled products must be disclosed.